

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077989.D
 Acq On : 26 Mar 2015 10:50
 Operator : TP/IZ
 Sample : G1642-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Mar 26 13:05:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	35258	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	142577	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	72440	20.00	ng	-0.07
63) Phenanthrene-d10	12.67	188	147385	20.00	ng	-0.08
75) Chrysene-d12	15.96	240	161445	20.00	ng	-0.17
86) Perylene-d12	17.75	264	151532	20.00	ng	-0.35
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	135244	66.96	ng	-0.06
7) Phenol-d6	6.67	99	105232	42.17	ng	-0.06
23) Nitrobenzene-d5	7.79	82	237579	109.23	ng	-0.07
41) 2,4,6-Tribromophenol	11.81	330	101143	145.93	ng	-0.08
44) 2-Fluorobiphenyl	10.02	172	525381	106.59	ng	-0.07
78) Terphenyl-d14	14.67	244	578429	87.52	ng	-0.09

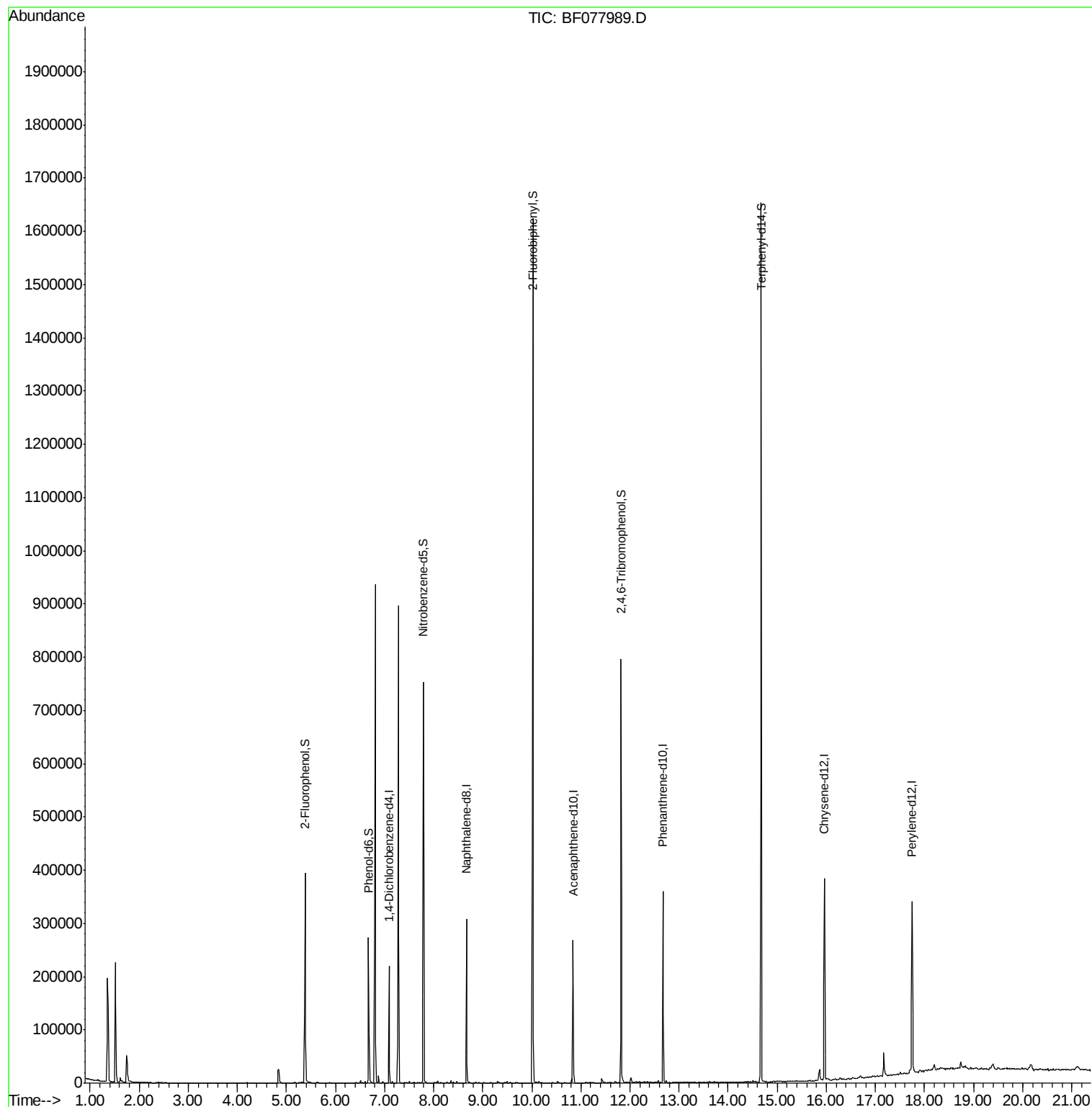
Target Compounds Qvalue

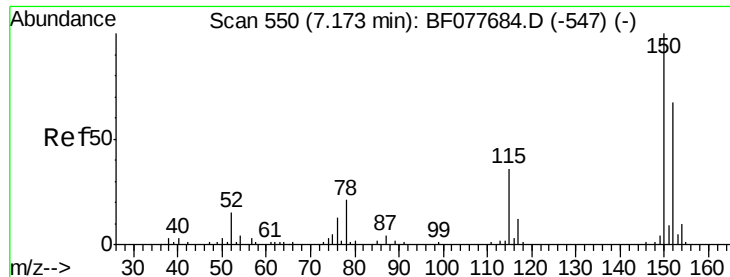
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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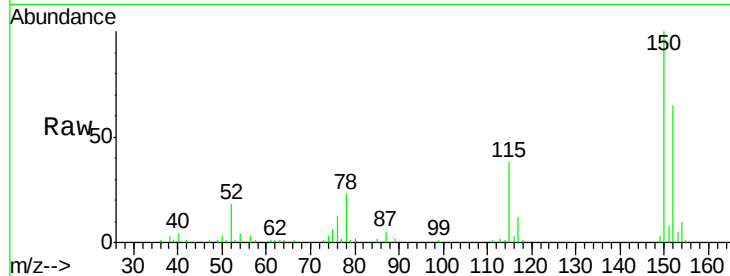


#1

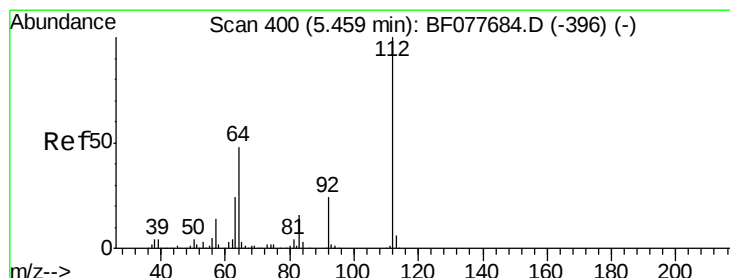
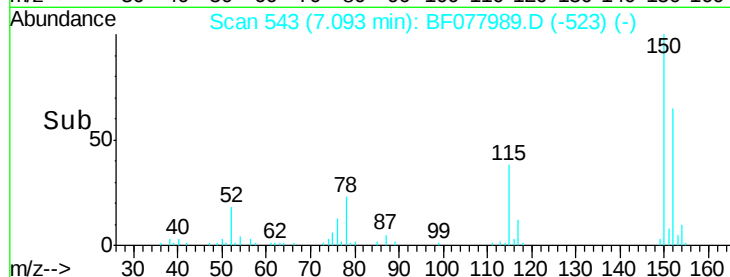
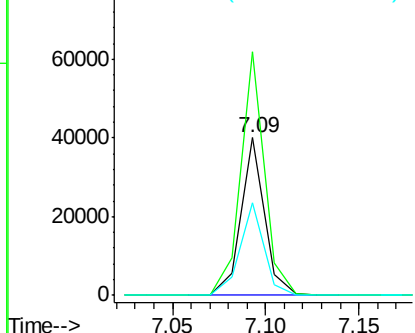
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.07 min
Lab File: BF077989.D
Acq: 26 Mar 2015 10:50

Instrument :
BNA_F
ClientSampleId :
MW-05

Tot Ion:152 Resp: 35258
Ion Ratio Lower Upper
152 100
150 154.6 119.5 179.3
115 58.9 43.0 64.4



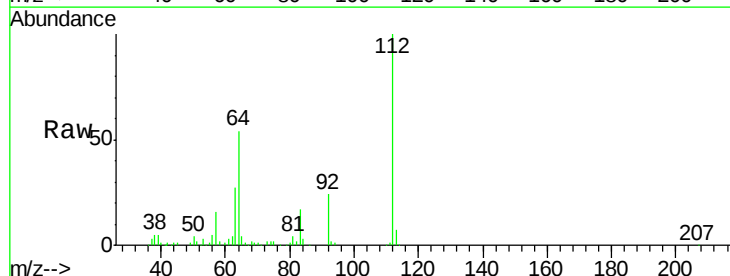
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



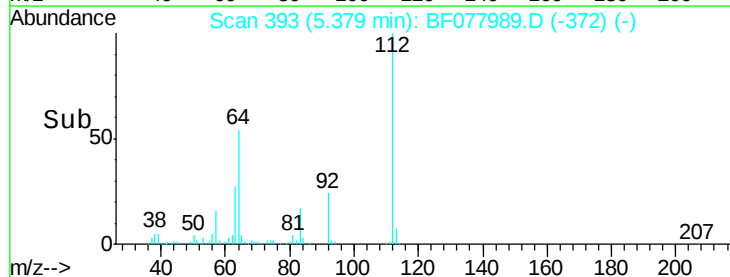
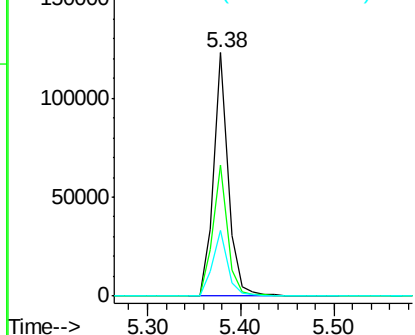
#5

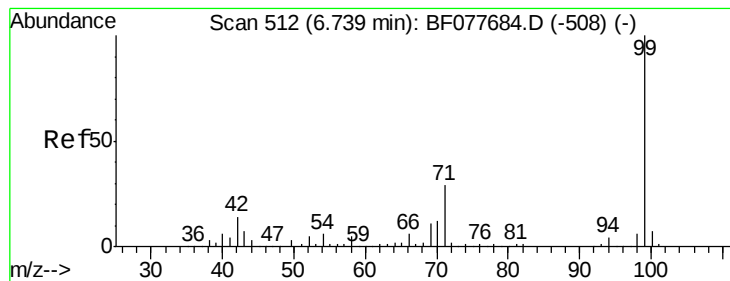
2-Fluorophenol
Concen: 66.96 ng
RT: 5.38 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF077989.D
Acq: 26 Mar 2015 10:50

Tgt Ion:112 Resp: 135244
Ion Ratio Lower Upper
112 100
64 53.7 38.6 57.8
63 26.9 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.17 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF077989.D

Acq: 26 Mar 2015 10:50

Instrument :

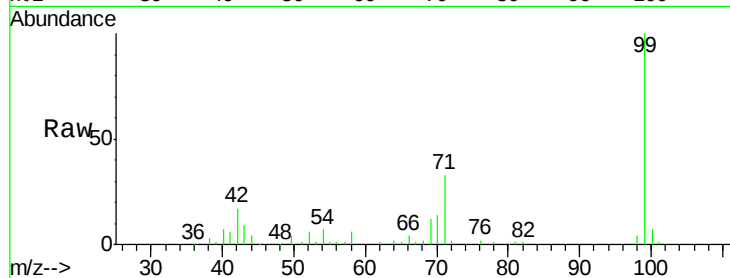
BNA_F

ClientSampleId :

MW-05

Tot Ion: 99 Resp: 105232

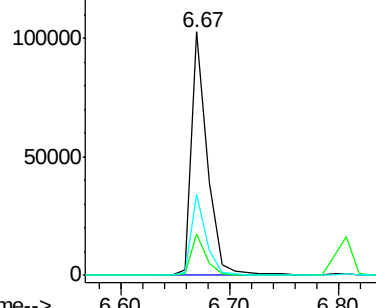
Ion	Ratio	Lower	Upper
99	100		
42	17.1	11.0	16.4#
71	33.5	23.4	35.2



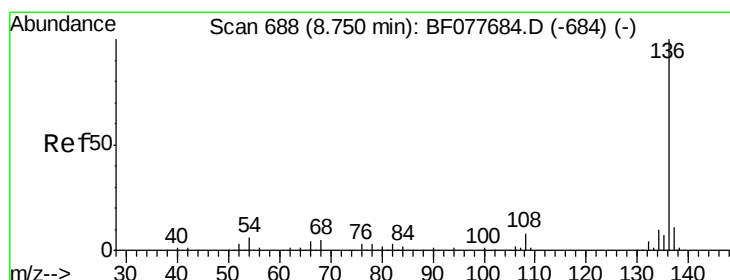
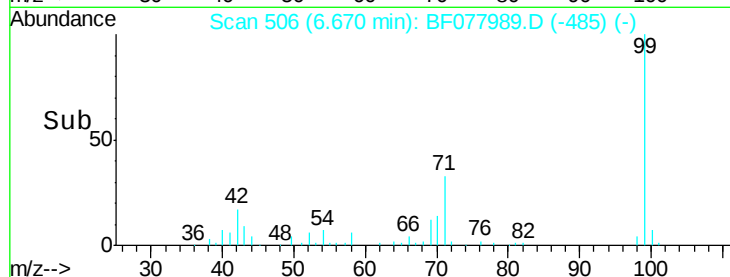
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. -0.07 min

Lab File: BF077989.D

Acq: 26 Mar 2015 10:50

Tgt Ion: 136 Resp: 142577

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.9	4.6	6.8#
68	5.3	3.7	5.5

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

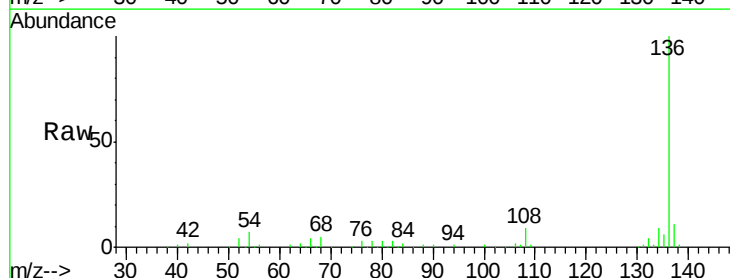
Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

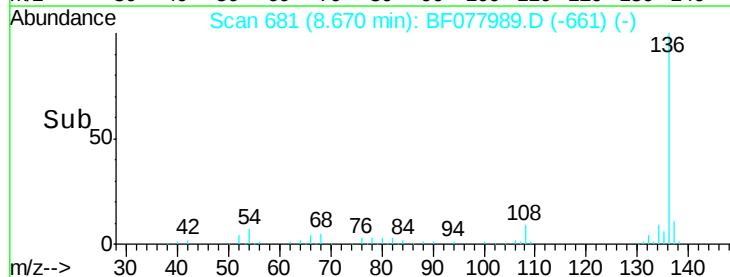
Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

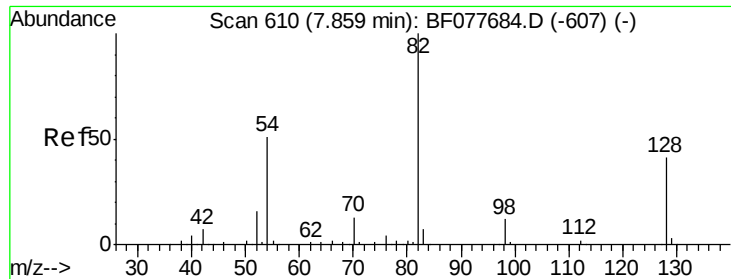
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Ion 136.00 (135.70 to 136.70): E

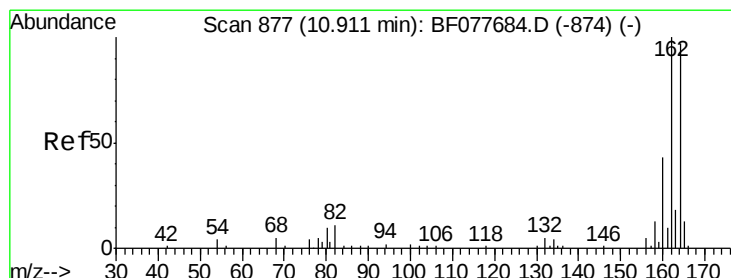
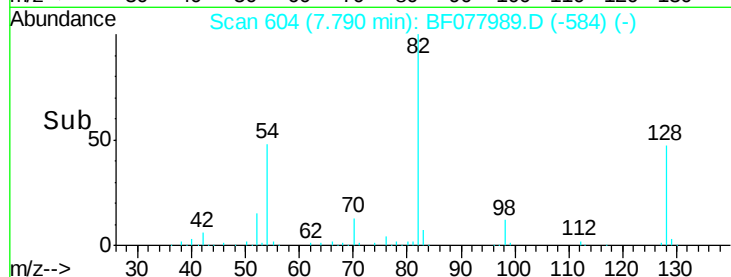
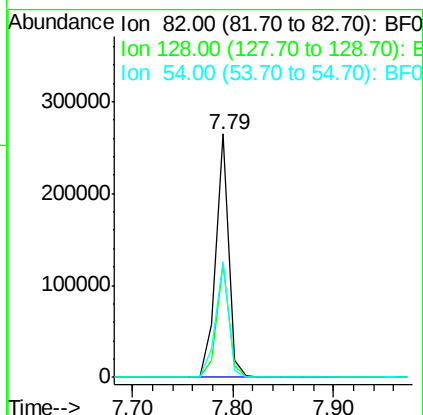
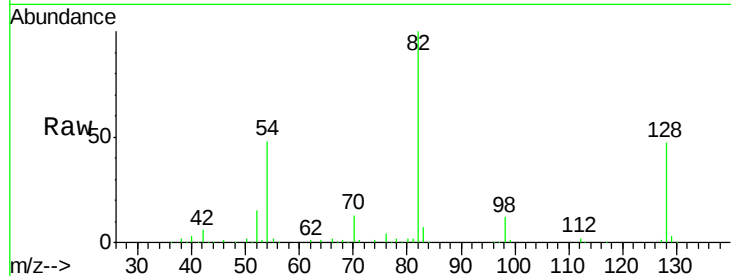
Ion 137.00 (136.70 to 137.70): E



#23
 Nitrobenzene-d5
 Concen: 109.23 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.07 min
 Lab File: BF077989.D
 Acq: 26 Mar 2015 10:50

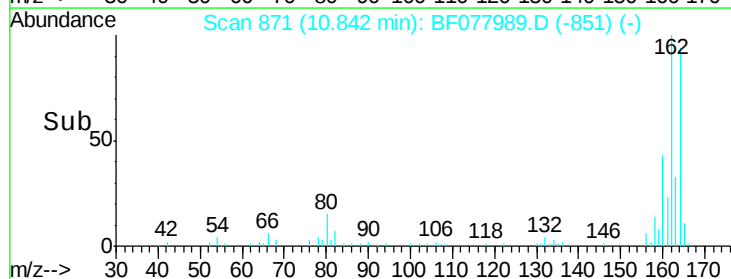
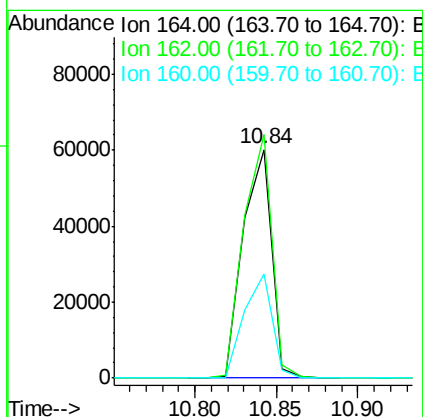
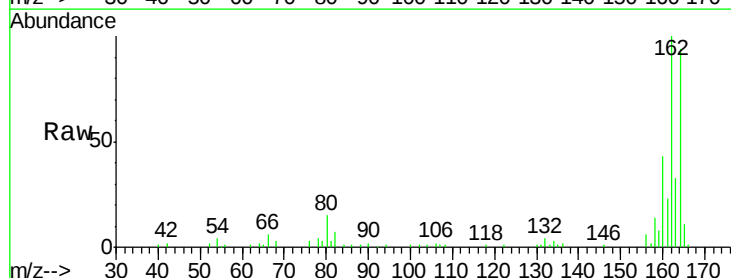
Instrument :
 BNA_F
 ClientSampleId :
 MW-05

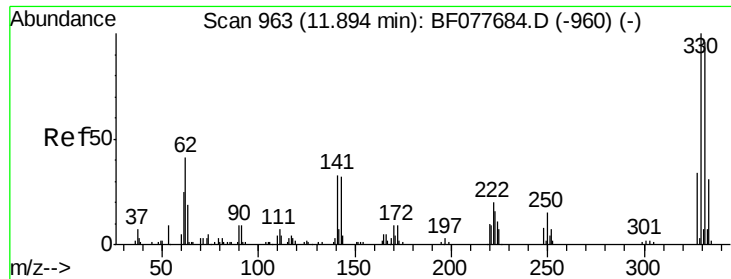
Tot Ion: 82 Resp: 237579
 Ion Ratio Lower Upper
 82 100
 128 46.5 32.8 49.2
 54 47.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.07 min
 Lab File: BF077989.D
 Acq: 26 Mar 2015 10:50

Tgt Ion:164 Resp: 72440
 Ion Ratio Lower Upper
 164 100
 162 106.7 82.4 123.6
 160 45.8 35.8 53.6

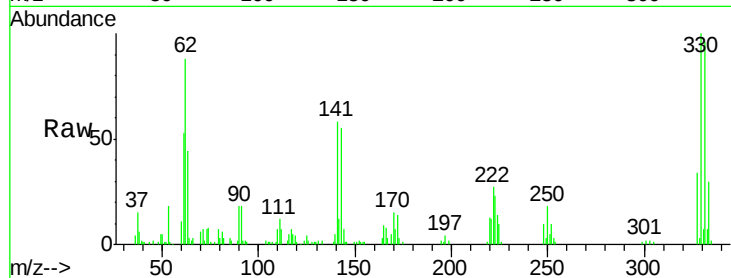




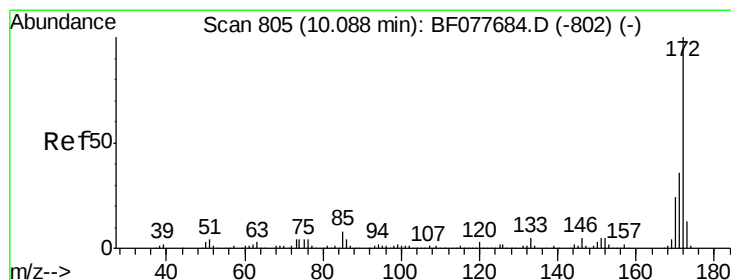
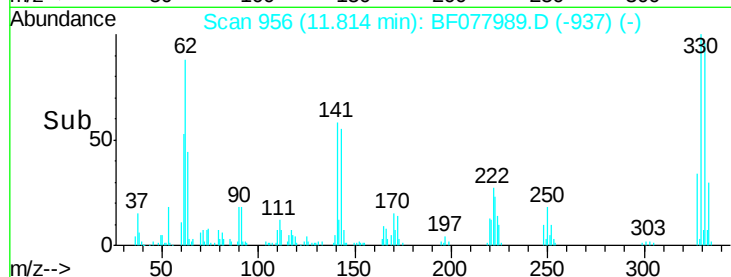
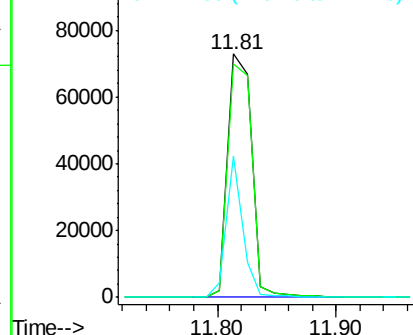
#41
 2,4,6-Tribromophenol
 Concen: 145.93 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.08 min
 Lab File: BF077989.D
 Acq: 26 Mar 2015 10:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	39.8	0.0	0.0#

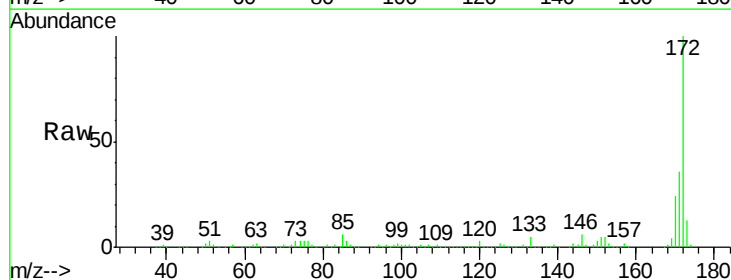


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

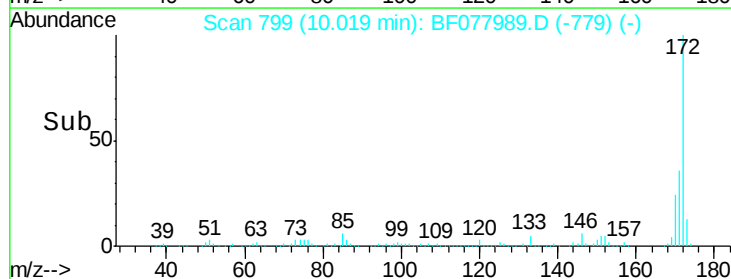
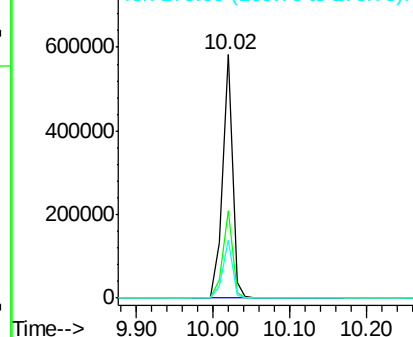


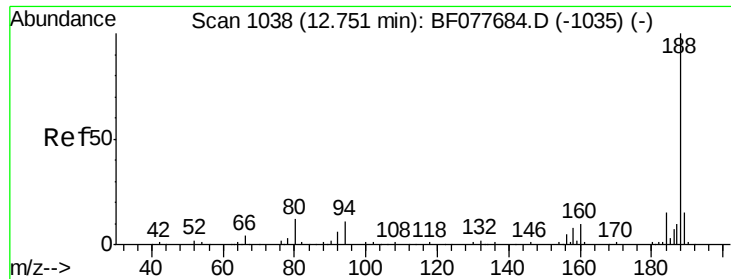
#44
 2-Fluorobiphenyl
 Concen: 106.59 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF077989.D
 Acq: 26 Mar 2015 10:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.9	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

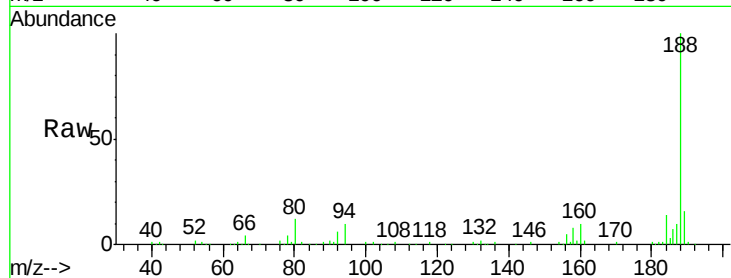




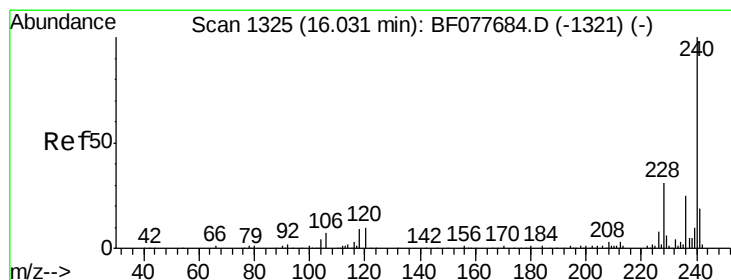
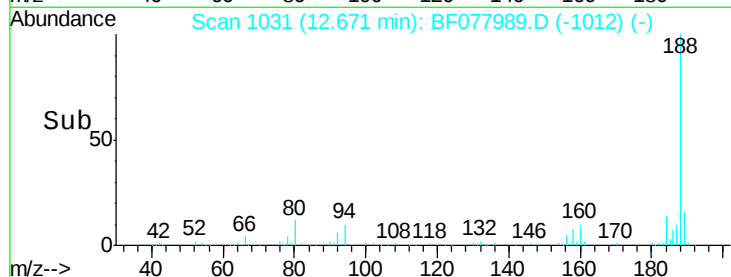
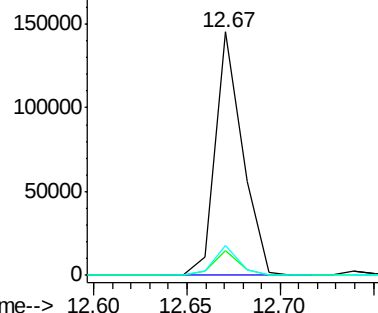
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF077989.D
Acq: 26 Mar 2015 10:50

Instrument :
BNA_F
ClientSampleId :
MW-05

Tot Ion:188 Resp: 147385
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 12.2 9.3 13.9

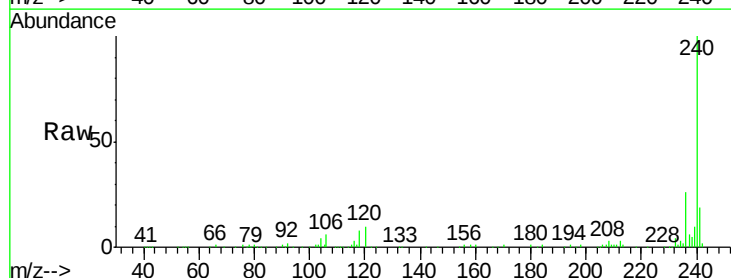


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

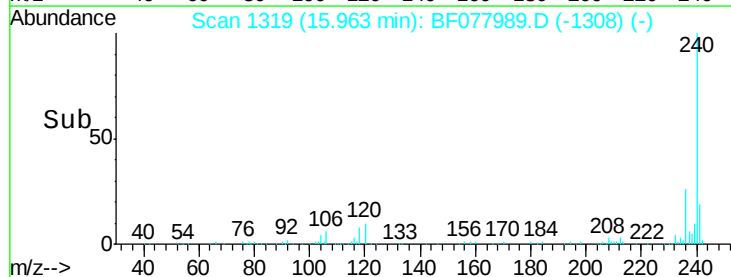
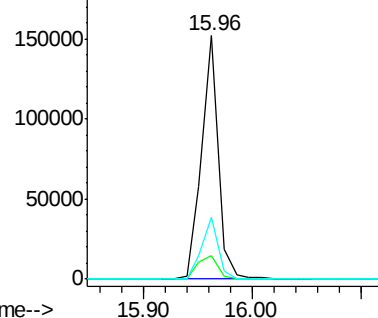


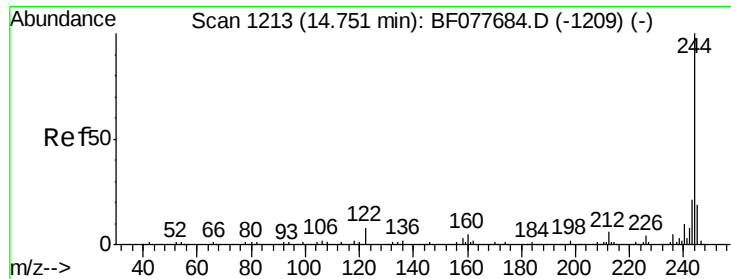
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.96 min Scan# 1319
Delta R.T. -0.17 min
Lab File: BF077989.D
Acq: 26 Mar 2015 10:50

Tgt Ion:240 Resp: 161445
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 25.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

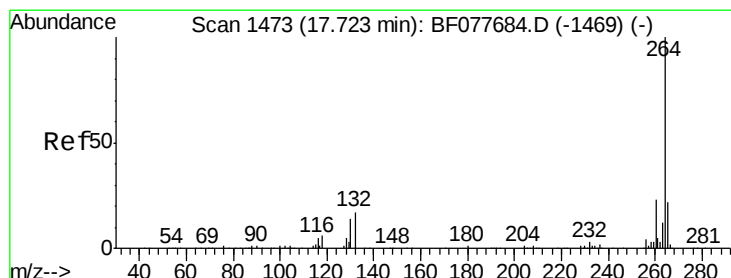
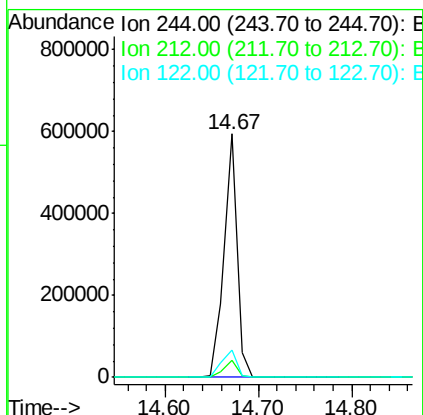
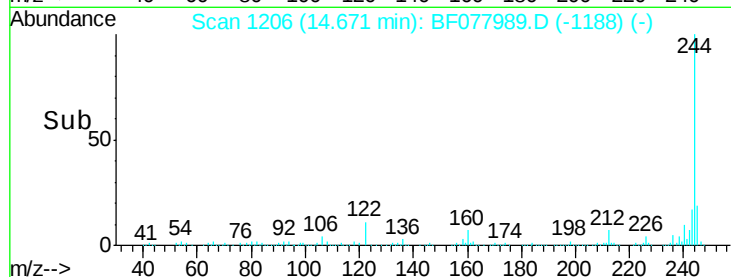
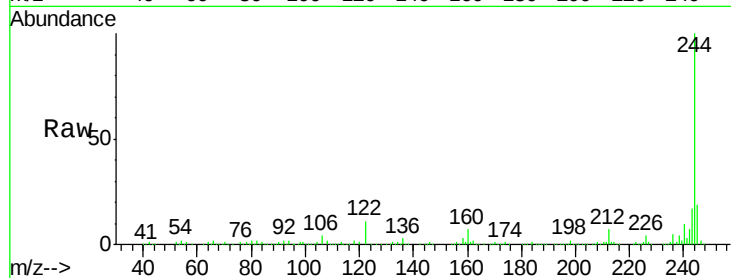




#78
 Terphenyl-d14
 Concen: 87.52 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.09 min
 Lab File: BF077989.D
 Acq: 26 Mar 2015 10:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tot Ion:244 Resp: 578429
 Ion Ratio Lower Upper
 244 100
 212 6.8 4.9 7.3
 122 11.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.75 min Scan# 1475
 Delta R.T. -0.35 min
 Lab File: BF077989.D
 Acq: 26 Mar 2015 10:50

Tgt Ion:264 Resp: 151532
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 27.8
 265 21.7 17.3 25.9

